

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant
Seeberger et al.

Filing Date
November 01, 2001

Group Art Unit
1623

Docket Number (Optional)
MTV-018.02(20021-1802)

Application Number
10/033,175

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
dm	AA 5,095,123	03/10/92	Sabesan	549	222	11/30/90
	AB 5,369,017	1/29/94	Wong et al.	435	68.1	02/04/94
	AC 5,374,655	12/20/94	Kashem et al.	514	540	07/14/92
	AD 5,516,665	05/14/96	Wong	435	97	09/13/93
	AE 5,716,812	02/10/98	Withers et al.	435	74	12/12/95
	AF 5,721,338	02/24/98	Imperiali et al.	530	317	12/07/95
	AG 5,728,554	03/17/98	Bayer et al.	435	97	04/11/95
	AH 5,759,823	06/02/98	Wong et al.	435	97	06/07/95
	AI 5,811,539	09/22/98	Seiffert-Stoeriko et al.	536	26.8	08/30/95
	AJ 5,922,577	07/13/99	Defrees et al.	435	97	04/10/96
	AK 5,952,203	09/14/99	Withers et al.	435	97	04/11/97
	AL 5,952,454	09/14/99	Kovac et al.	528	332	10/30/98
	AM 5,994,502	11/30/99	Imperiali et al.	530	344	08/19/97
	AN 6,013,779	01/11/00	Wong et al.	536	18.6	03/18/97
	AO 6,022,713	02/08/00	Noguchi et al.	435	89	11/14/97
	AP 6,030,815	02/29/00	Defrees et al.	435	97	04/10/96
dm	AQ 6,077,695	06/20/00	Nilsson	435	84	07/13/95

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
dm	AR WO 96/24683	08/15/96	PCT	—	—		X
	AS WO 96/32491	10/17/96	PCT	—	—		X
	AT WO 98/46784	10/22/98	PCT	—	—		X
	AU WO 99/ 28491	06/10/99	PCT	—	—		X
	AV WO 99/47694	09/23/99	PCT	—	—		X
	AW WO 99/47695	09/23/99	PCT	—	—		X
dm	AX WO 00/20428	04/13/00	PCT	—	—		X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

dm	AY	Hashimoto et al.; "Oligosaccharide Synthesis Based on Glycosyl Donors and Acceptors Carrying Phosphorus-Containing Leaving Groups", Tetrahedron Letters 38 (29): 5181-5184 (1997).
dm	AZ	Morales et al.; "Carbohydrate- Carbohydrate Interactions in Water with Glycophanes as Model Systems", J. Org. Chem. 63: 9212-9222 (1998).

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du	BA	Torgov et al., "Synthesis of Oligosaccharide Fragments of the Repeating Unit of <i>Neisseria</i> Kentucky O-specific Polysaccharide and Conversion of the Oligosaccharides Into the Glycosyl Phosphates", Carbohydrate Research 161 : 97-112 (1987).
	BB	Plante and Seeberger ; " Anomeric Phosphorodithioates as Novel Glycosylating Agents", J. Org. Chem. 63 : 9150-9151 (1998).
	BC	Seeberger et al., "Synthesis of Biologically Important Oligosaccharides and Other Glycoconjugates by the Glycal Assembly Method", Aldrichimica Acta 30 (3): 75-92 (1997).
	BD	Zheng et al., " Solid Support Oligosaccharide Synthesis : Construction of β -Linked Oligosaccharides by Coupling of Glycal Derived Thioethyl Glycosyl Donors", J. Org. Chem. 63:1126-1130 (1998).
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EXAMINER		DATE CONSIDERED
du		2/20/03
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U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
de	BE 4,785,084	11/15/88	Warren et al.	536	07/31/86
de	BF 5,095,123	03/10/92	Sabesan	549	11/30/90
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de	BG	Chen, et al. 'Glycosyl Phosphoramidimides As Versatile Glycosyl Donors ', Heterocycles , 45(7): 1247-1250 (1997)			
	BH	Hashimoto, et al.; " Armed Diarmed " Glycosidation Strategy Based on Glycosyl Donors and Acceptors Carrying Phosphoroamidate as a Leaving Group: A Convergent Synthesis of Globotriaosylceramide ", Tetrahedron Letters 38 (52): 8969-8972 (1997).			
	BI	Hashimoto, et al.; " A Rapid and Efficient Synthesis of 1,3- trans- β -Linked Glycosides via Benzyl- or Benzoyl-Protected Glycopyranosyl Phosphates ", J. Chem. Soc. Chem. Commun. pp. 685-687 (1989).			
	BJ	Laupichler, et al.; " Convenient Iodonium-Promoted Stereoselective Synthesis of 2-Deoxy- α -glycosides by Use of S-(2-Deoxyglycosyl) Phosphorodithioates as Donors ", Synthesis , pp.1133-1136 (November 1992).			
	BK	Liang, et al.; " Parallele Synthesis and Screening of a Solid Phase Carbohydrate Library ", Science, 274 : 1520-1522 (November 29, 1996).			
	BL	Paulsen et al.; " Synthese Von DD-Heptosephosphaten als Substrate oder Potentielle Inhibitoren für die Heptose-Synthetase ", Liebigs Ann. Chem. pp. 389-397 (1994)			
	BM	Plante and Seeberger; " Anomeric Phosphorodithioates as Novel Glycosylating Agents ", J. Org. Chem. 63 : 9150-9151 (1998).			
	BN	Timmers, et al. " An Expeditious Route to Streptococci and Enterococci Glycolipids VLA Ring-Opening of 1,2 - Anhydrosugars", J. Carbohydrate Chemistry 17 (3): 471-487 (1998).			
de	BO	Watanabe, et al.; "Dibenzyl Phosphorofluoridate, A New Phosphorylating Agent ", Tetrahedron Letters 29 (45) pp. 5763-5764 (1988).			
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